



## SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: The catalog numbers of two required courses are being changed to 3000-level courses, and the program requirements need to reflect those changes: GEOS 2003 --> 3003 and GEOS 2103 --> 3103.

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

## SECTION VI: Justification

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**This change moves GEOS 2003 and 2103 to the 3000 level in order to include an improved prerequisite (GEOS 3543) within the new Geospatial Technologies Foundations Certificate. The program update is necessary to reflect the correct course numbers.**

## SECTION VII: Catalog Text and Format

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

The Department of Geosciences offers an online Geospatial Technical Certificate through the University of Arkansas Global Campus (<http://globalcampus.uark.edu/>). The certificate is designed for working professionals who wish to develop basic skills in the emerging field of geospatial technologies. Instruction prepares these individuals for employment

in the geosciences and collateral disciplines as well as providing a foundational skill set for additional advanced work if desired. The certificate will also benefit students in two-year associate degree programs as well as undergraduates in four-year programs who wish to strengthen their skills.

**Requirements for admission:** Candidates should possess an associate's degree, two years of college, or equivalent work experience.

### **Requirements for a Geospatial Technical Certificate**

A total of 12-18 hours are required for the certificate.

Students must complete:

GEOS ~~2003-3003~~ Geospatial Technologies Mathematical Toolkit (Sp, Fa) 3

GEOS ~~2103-3103~~ Geospatial Technologies Computational Toolkit (Sp, Fa) 3

~~GEOS 3543 Geographic Applications and Information Science (Sp, Fa) 3~~

GEOS 3553 Geospatial Analysis Using ArcGIS (Sp, Fa) 3

GEOS 3563 Geospatial Technologies Statistical Toolkit (Sp, Fa) 3

GEOS 3593 Introduction to Geodatabases (Sp, Fa) 3

It is possible to waive three to six hours of required coursework for GEOS ~~2003-3003~~ and GEOS ~~2103-3103~~ through successful completion of proficiency exams.

**SECTION VIII: Action Recorded by Registrar's Office**

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_  
DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

Notification to:

- (1) College
- (2) Department
- (3) Admissions
- (4) Institutional Research
- (5) Continuing Education
- (6) Graduate School
- (7) Treasurer
- (8) Undergraduate Program Committee

8/19/13